VINCOTECH GPS Modules and Development Tools

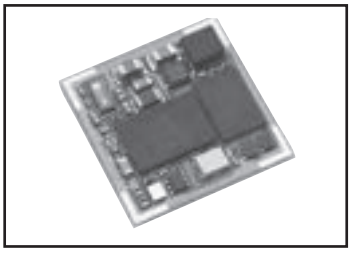
Vincotech

Products may be RoHS compliant. Check mouser.com for RoHS status.

SiRF Star IV BASED MODULE: THE ANSWER TO ALL GPS CHALLENGES

The A2100 GPS modules enable fastest acquisition and tracking with the latest SiRFstarIV technology. With module versions supporting either 3.3V or 1.8V there is an appropriate solution for all telematics and power-sensitive mobile consumer application devices. SiRFstarIV chip sets, Vincotech GPS module solutions address different specific needs and combine high performance, low power consumption, and simplified integration effort. Our modules comply with the RoHS standard and are 100% electrically and functionally tested prior to packaging, thereby assuring the guarantee of the highest quality products.

NEW! TECHNOLOGY



For quantities of 100 and up, call for quote.

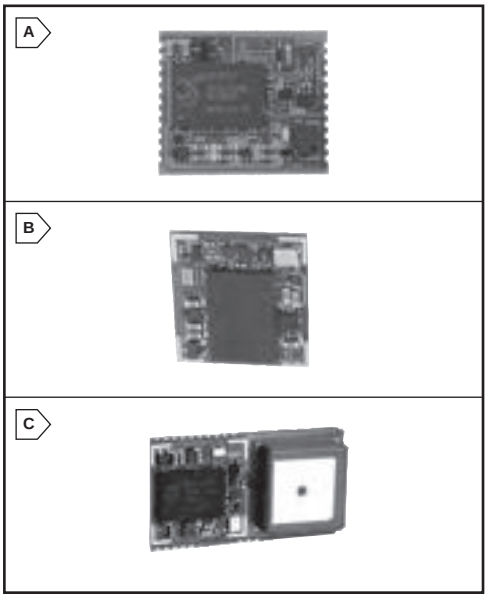
MOUSER STOCK NO.	Vincotech Part No.	Description	Price Each		
			1	10	50
340-V23993-A2100-A	V23993-A2100-A	A2100-A SiRFStarIV GPS recvr mod (3.3V)	35,11	32,36	30,00
340-V23993-EVA2100-A	V23993-EVA2100-A	A2100-A SiRFStarIV GPS Eval Kit	131,50	-	-

GPS RECEIVER MODULES

With the mission of supporting our customers to implement GPS functionality into their systems, Vincotech is offering a large product portfolio to cover almost all integration possibilities in an easy way. All GPS products are manufactured in our ISO9001 and TS16949 certified factory inside the EU. Beyond that our modules follow RoHS standards and are 100% electrically and functionally tested prior to packaging.

Vincotech develops and manufactures subsystems and electronic components and offers manufacturing services geared to help customers to master complex challenges in electronics integration. Vincotech's extensive portfolio encompasses standard and tailored solutions, engineering services, and technical support for customers worldwide. The state of the art solutions are developed with the mission of identifying and intelligently communicating accurate position.

	A1035-H	A1080-A	A1080-B	A1082-A	A1084-B
1 PPS	*	*	*	*	*
Active Antenna	*	*	*	*	*
Passive Antenna	*				*
Onboard Patch Antenna	*				
Dual Antenna Support	*				
Assisted GPS	*	*	*	*	*
Plug-in Connection					
Solderable Connection	*	*	*	*	*
Programmable Flash	*				*
Current Draw @ 1PPS - mA	26	23	23	35 (1.8V)	26
GPS/UTC Raw Data	*	*	*	*	*
Memory-free Flash (Byte)	*				*
Memory-free SRAM (Byte)		*	*	*	
ROM		*	*	*	
SBAS Support	*	*	*	*	*
TCXO	*	*	*	*	*
UART NMEA	*	*	*	*	*
Operating Temperature	-30°~+85°C	-30°~+85°C	-40°~+85°C	-30°~+85°C	-30°~+85°C



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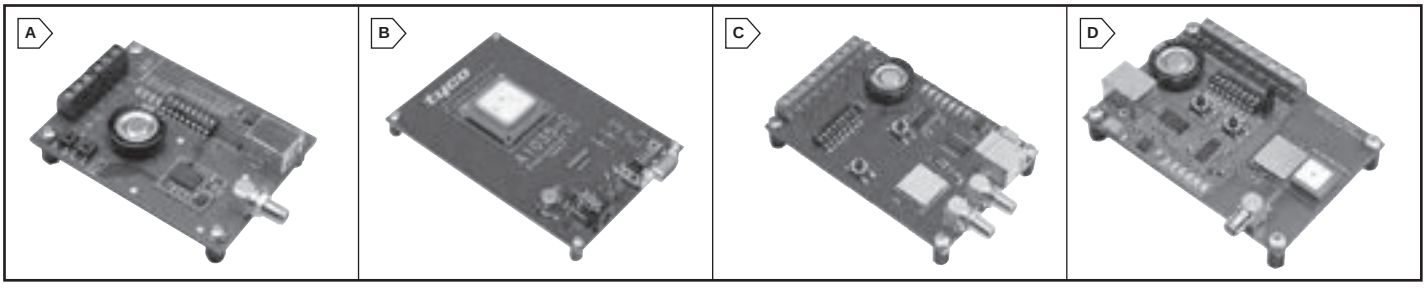
MOUSER STOCK NO.	Vincotech Part No.	Fig.	Description	Price Each		
				1	10	50
340-V23993-A1080-A	V23993-A1080-A	A	GPS receiver module with SiRF Star III (SMD) reduced temperature	55,60	50,95	48,25
340-V23993-A1080-B	V23993-A1080-B	A	GPS reciever module with SiRF Star III (SMD) full temperature	50,87	48,88	44,50
340-V23993-A1082-A	V23993-A1082-A	-	A1082A SiRF GSCi5000 GPS module	44,90	42,95	39,95
340-V23993-A1084-B	V23993-A1084-B	B	GPS receiver - SMD, SIRF Star III	30,74	28,73	27,82
340-V23993-A1035-H	V23993-A1035-H	C	A1035-H GPS SMT SiRF Star III antenna module	30,75	28,31	26,27

GPS DEMONSTRATION AND EVALUATION KITS



EVA1080-A:
The EVA1080-A is an evaluation board for the A1080-A GPS Receiver Module. It is easily installed to you PC environment via USB connections.

Each Kit contains the following:
- A1080-A module
- Active Antenna
- USB cable
- CD w/ GPS Cockpit Software

DKS1035-D:
The DKS1035-D is a demonstration kit for the A1035-D GPS Receiver Module. This kit connects to your PC environment via RS232 connections.

Each Kit contains the following:
- A1035-D module
- Active Antenna
- Serial cable
- CD w/ GPS Cockpit Software

EVA1084-A:
The best SiRFstarIII module needs the best environment. With the new EVA1084 you can not only see superior GPS performance. The evaluation kit gives you everything you need for getting in touch for the first time with GPS or for evaluating all the features of the A1084 - from dual antenna inputs to low power modes.

EVA1035-H:
Vincotech's GPS receiver module/smart antenna A1035-H is a highly intergrated GPS antenna receiver module based on the technology of the GPS receiver module A1084 and a ceramic GPS patch antenna.

MOUSER STOCK NO.	Vincotech Part No.	Fig.	Description	Price Each
340-V23993-EVA1080-A	V23993-EVA1080-A	A	GPS demonstration / evaluation kit for A1080-A module	130,00
340-V23993-DKS1035-D	V23993-DKS1035-D	B	GPS demonstration kit for A1035-D module	169,99
340-V23993-USB1082A	V23993-USB1082A	-	A1082A GPS USB demo kit	136,50
340-V23993-DKS1035-C	V23993-EVA1035-C	-	GPS demo kit for A1035-C module	300,00
340-V23993-EVA1037-A	V23993-EVA1037-A	-	GPS demo/evaluation kit for A1037-A module	130,00
340-V23993-EVA1084-A	V23993-EVA1084-A	C	Evaluation kit - GPS module A1084-A/B	175,00
340-V23993-EVA1035-H	V23993-EVA1035-H	D	A1035-H GPS evaluation kit	175,00

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